

# Meeting Minutes

August 16, 2013

**Project:** EPC Rotating Equipment Subcommittee Meeting (MHI Compressor Intl offices)

Greg Berry	KBR	Dennis Shepherd	Elliott Group (Vice Chair)
Alex Tetlow	MHI	Mike Tallman	KBR
Kevin Kisor	MAN	Mike Sicker	Mitsubishi (Chairman)

Item No.	Report	Action Required	
		By	Date
1	Mike read the Anti-Trust Agreement and gave the safety moment		
2	Sub-committee attendance continues to be an issue. Items to be addressed: 1) Reach out to end-users not currently represented in this sub-committee 2) Encourage all sub-committee members to appoint an alternate when not available 3) Identify non-participating members for removal from the sub-committee		
3	The main EPC committee meeting was held on Aug 22. Mike Tallman promised to make an appeal to end-users on the main committee members for support.		
4	Reviewed feedback and comments. Session was well attended, including a diverse audience of end-users.		
5	AIChE is planning a morning Keynote again this year. Morning session may be shortened.		
6	<p><b><u>Suggested Topics</u></b></p> <p><b><u>AM Session - Reliability/Operability of Rotating Equipment</u></b> (subcomponents and hardware affecting performance and reliability)</p> <p>1) Issues with Lube Oil/Control Oil condition, problems with varnishing and cleanliness (M.Sicker) 2) Vibration monitoring (G. Berry/K. Kisor) 3) Check Valves (G. Berry) 4) Strainers (K. Akhtar) 5) Base Plates vs. Sole Plates/Grouting Issues (A. Tetlow)</p> <p><u>Additional topic ideas</u> Lube Oil Consoles Compressor wash oil Steam Turbine wash systems Expanders Mag Bearings Hot Gas Bypass Valves/Anti Surge Valves Surface Condensers</p> <p><b><u>PM Session - Compressor/driver technology</u></b> (technological advancements in world scale Ethylene plants)</p> <p>1) Compressor Controls – Surge &amp; Stonewall Considerations (A. Tetlow/K.Kisor) 2) Testing requirements for large rotating equipment (MHI) 3) High pressure/high temp Steam Turbine applications (MHI) 4) Dynamic Simulation of compression systems (KBR) 5) Design audit criteria for rotating equipment (MSicker) 6) T/A considerations and Lessons Learned (Elliott) 7) Challenges of Multiple Feed Stocks on large Compressors (EPC/End User)</p>		

Item No.	Report	Action Required	
		By	Date
7	The 26 <sup>th</sup> Ethylene Producers Conference and 2014 AIChE Spring Meeting will be held from March 30 – April 3, 2014 at the Hilton hotel in New Orleans. The EPC conference itself will be held on Monday, March 31 <sup>st</sup> .		
8	For the 2013-2014 conference cycle, Mike Sicker will remain the sub-committee chairman and Dennis Shepherd will remain the vice-chairman. The secretary position is open if anyone is interested.		
9	<b>NEXT MEETING:</b>		
10	<b><u>The next Rotating Equipment Subcommittee is planned for Wednesday, September 25<sup>th</sup>.</u></b> Greg Berry/KBR has offered to host. Further details will be provided later.		

### Ethylene Producers Committee

#### **Anti-Trust Agreement**

No activity of the Committee shall involve the exchange, collection or dissemination among competitors of information, or be used for the purpose of bringing about or attempting to bring about any understanding or agreement, written or oral, formal or informal, express or implied, among competitors with regard to costs, prices or pricing methods, terms or conditions of sale, distribution, production quotas or other limitations, on either the timing, or volume of production, or sales, or allocation of territories or customers.